

**DOWNEAST ENERGY  
& BUILDING SUPPLY***Good Friends For All Seasons*18 SPRING ST. PO BOX 250  
BRUNSWICK, ME 04011-0250

\*\*\*\*FACSIMILE TRANSMISSION COVER SHEET\*\*\*\*

TO: E. P. A  
ATTENTION: ALEX Shennin  
NUMBER OF PAGES (INC. COVER SHEET) 7  
PERSON SENDING TRANSMISSION: STEVE HALL

IF YOU HAVE ANY PROBLEMS OR QUESTIONS REGARDING THIS  
TRANSMISSION, PLEASE CALL

207-729-9924  
FAX# 207-725-4333

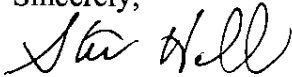
This message is intended only for the use of the individual or entity to which it is addressed. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by phone.

April 15, 2009

Alex;

Per our discussion of yesterday, please find on the following pages the MDEP Fact Sheet relating to the double bottom tanks that we spoke of. I have also enclosed a brochure from Granby Steel Tanks, the manufacturer.

Sincerely,

A handwritten signature in cursive script, appearing to read "Steve Hall".

Steve Hall  
Downeast Energy



## DEP FACT SHEET

Contact Information Peter Moulton or David McCaskill @  
207-287-2651

### Double-Walled Home Heating Oil Tanks

Replacing your old oil tank? Building a new house and going to heat with oil? You should be aware of a new law that may affect you.

As of **July 1, 2009** all new and replacement home heating oil tanks within the **wellhead protection zone of community drinking water wells** must be **double-walled** or have secondary containment. Think this does not affect you? Read on. Community drinking water wells can be closer than you think.

#### **What is the wellhead protection zone of a community drinking water well?**

The wellhead protection zone of a community drinking water well is the greater of the:

- area within 1,000 feet of the well; or
- source water protection area of the well mapped by the Department of Health and Human Services as described under Title 30-A, section 2001, subsection 20-A.

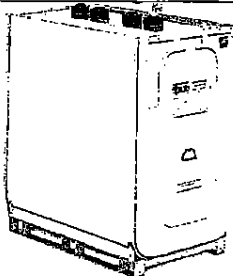
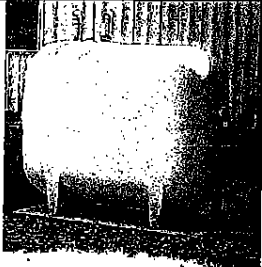


The wellhead protection zone is the area around a well where pollution is most likely to reach drinking water. Protecting this area helps keep drinking water safe.

Community water systems serve at least 25 people living in the buildings served by the water system, (or has at least 15 "service connections" or "hook-ups") at least 60 days a year. Community water systems include municipal water departments and districts, as well as mobile home parks, condominium associations and nursing homes that have their own water supply. There are more than 400 community water systems in Maine.

#### **How do I find out if my building is within the wellhead protection zone of a community drinking water well?**

Call your local water district and the Maine Drinking Water Program at 287-2070. Let them know what town you are in, where you are located, and the reason for your call. Once any nearby wellhead protection zones are identified, you will be able to contact the community water systems, discuss the exact locations of the wellhead protection zone, and determine whether or not you are in the wellhead protection zone.

## What kinds of oil tanks protect my drinking water?

	<p><b>Double-walled tank</b></p> <ul style="list-style-type: none"> <li>• Polyethylene inner tank with a galvanized, sheet metal outer jacket</li> <li>• Outer jacket is designed to hold contents if the inner tank leaks</li> <li>• Space between the inner tank and outer jacket is monitored by a gauge</li> </ul>
	<p><b>Double-walled fiberglass reinforced tank</b></p> <ul style="list-style-type: none"> <li>• Better for outside use</li> <li>• "Sight glass" to monitor the space between the inside tank and outside tank</li> </ul>
	<p><b>Steel double bottom tanks</b></p> <ul style="list-style-type: none"> <li>• Look like traditional 275 gallon home heating oil tank</li> <li>• Has two layers of steel separated by a small space along the portion of the tank between the legs</li> <li>• Space between the double steel bottoms is monitored with a float device mechanism for visual inspection.</li> </ul>
	<p><b>Secondary containment</b></p> <ul style="list-style-type: none"> <li>• Large polyethylene container that encloses a standard steel single wall 275 gallon home heating oil tank</li> <li>• Catches leaks and protects the tank from the weather</li> <li>• Underwriters Laboratories (UL) standard 2258</li> </ul>

Contact your local oil delivery company or your local licensed heating technician for more information.

## What else do I need to know?

### Do oil tanks have to be "listed?"

Yes. Any double-walled tank or secondary containment installed in the wellhead protection zone of a community drinking water well must be "listed" (tested) by a nationally recognized, independent testing laboratory, such as Underwriters Laboratories (UL).

### Can anybody install these tanks?

No. Home heating oil tanks installed in the wellhead protection zone of a community drinking water well must be installed by a journeyman or master oil burner technician licensed by the Oil and Solid Fuel Board or - if the tank is an outside tank serving manufactured housing - by a mobile home mechanic licensed by the Oil and Solid Fuel Board.

### Why are double-walled and secondary containment home heating oil tanks necessary?

The Maine Department of Environmental Protection (DEP) responds, on average, to more than 1 spill a day from home heating oil tanks, and that is just at single family residences! Such spills contaminate homeowner and neighboring wells, pollute the air in your home, and often cause considerable damage to the house.

Corrosion is the single largest cause of leaks from home heating oil tanks. Double-walled tanks and secondary containment vessels will help to minimize the number of spills from oil tanks by preventing corrosion and capturing oil released from the inner tank should a leak occur..

To help prevent these spills and to protect public drinking water supplies, Maine's legislature enacted 38 MRSA § 1391 et seq. "An Act to Prevent Contamination of Drinking Water Supplies". This law was approved by the Governor on April 7, 2008.

### Who do I call for more information?

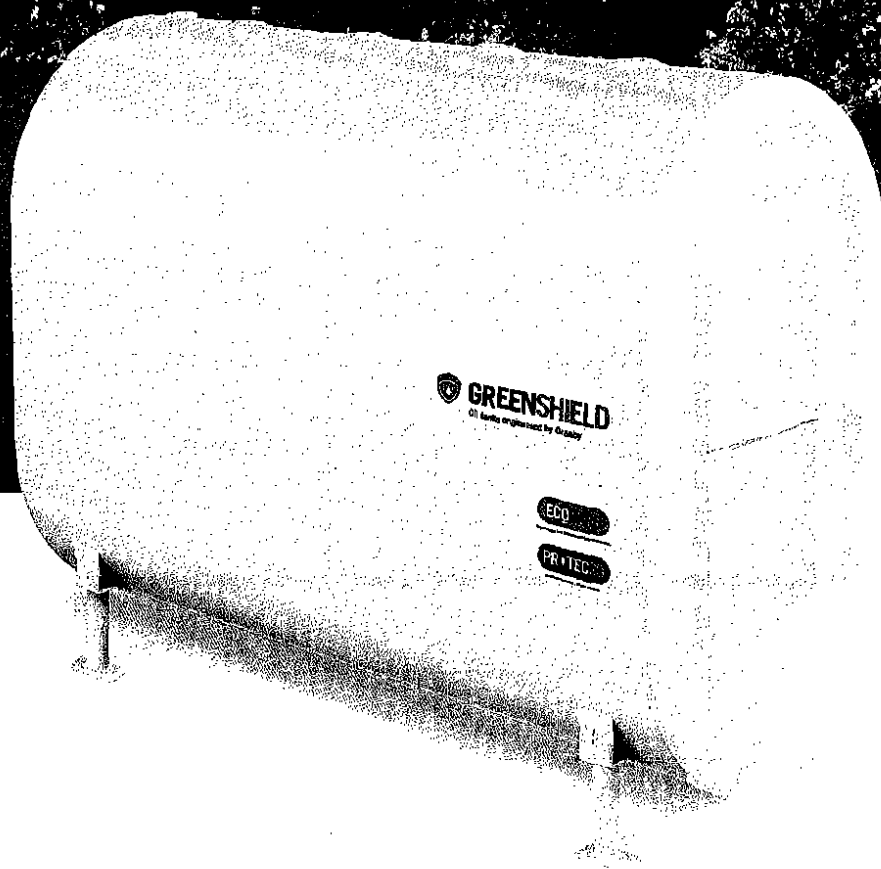
For answers to general questions, contact Peter Moulton or David McCaskill at the Department's Bureau of Remediation and Waste Management at (207) 287-2651.

To help determine whether or not an oil technician is licensed by the State of Maine Oil and Solid Fuel Board look at the website <http://pfr.informe.org/almsonline/almquery/welcome.aspx>

For help in locating public drinking water supplies look at the website <http://www.maine.gov/dep/gis/datamaps/index.htm#DWP>. Note that you will have to register with the State of Maine Drinking Water Program before you can view the maps. For assistance using these web based maps, call Beth Pratte at the Maine Drinking Water Program (207-287-2070) or Christian Halsted at Maine DEP (207-287-8754).



# STRONGER THAN NATURE TO PROTECT NATURE



Introducing the new  
GreenShield line:

**THE SAFEST, MOST RELIABLE  
TANK YOU CAN BUY**

**A LOGICAL AND RESPONSIBLE CHOICE**

- **100% Safe.** ECOGARD double bottom system with leak detection system.
- **Environment Friendly.** Responds to environmental concerns and requirements.
- **Guaranteed Durability.** Polyurethane coating for external protection on PROTEC20.
- **Warranties:** Up to a 25-year warranty and 2 million dollars in liability insurance coverage.\*
- **Peace of mind:** With 50+ years of experience, Granby Tanks is known for its quality and proven track record in innovation and design.

*\* Some restrictions may apply.*

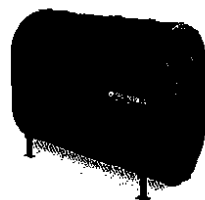
**Innovative options available  
on GreenShield tanks:**

**ECO**

Double Bottom Leak Detection and Catchment System

**PROTEC**

Polyurethane Coating / 20-Year Warranty



**Option**

**Description**

**Dimensions**

**Size**

**Color**

**Warranty\***  
**Manufacturing defect**

**Warranty\***  
**Internal corrosion**

**Price**

GOOD

 275 gal.: H44" W27" L60"  
 330 gal.: H44" W27" L72"

☐ 275 gal. ☐ 330 gal.

☐ Gray ☐ Black

10 years

**ECO**
Heavy Bottom Leak Detection and Cathodic System
**BETTER**  
 Double bottom system  
 with leak detection system

 275 gal.: H44" W27" L60"  
 330 gal.: H44" W27" L72"

☐ 275 gal. ☐ 330 gal.

Sand

15 years

10 years

**PR+TEC**
Polyurethane Coating / 20 Year Warranty
**BEST**  
 Polyurethane coating  
 for external protection

 275 gal.: H44" W27" L60"  
 330 gal.: H44" W27" L72"

☐ 275 gal. ☐ 330 gal.

Sand

20 years

**ECO**
Double Bottom Leak Detection and Cathodic System
**+ PR+TEC**
Polyurethane Coating / 20 Year Warranty
**TOP OF THE LINE**  
 Double bottom +  
 Polyurethane coating

 275 gal.: H44" W27" L60"  
 330 gal.: H44" W27" L72"

☐ 275 gal. ☐ 330 gal.

Sand

25 years

10 years

\* Some restrictions may apply.